

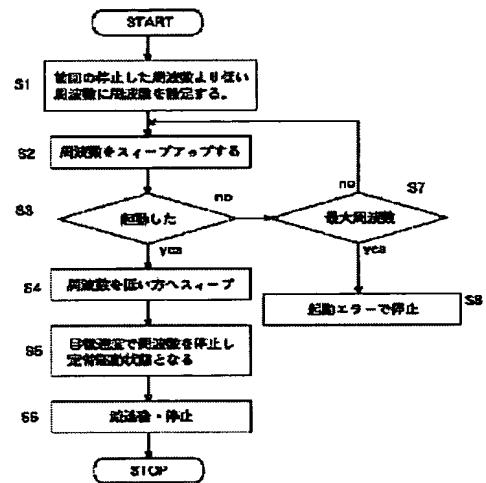
**VIBRATING WAVE DRIVER AND DRIVER FOR VIBRATION TYPE MOTOR**

**Patent number:** JP2000184757  
**Publication date:** 2000-06-30  
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**Applicant:** CANON KK  
**Classification:**  
- **international:** H02N2/00; H02N2/00; (IPC1-7): H02N2/00  
- **european:**  
**Application number:** JP19980355879 19981215  
**Priority number(s):** JP19980355879 19981215

[Report a data error here](#)**Abstract of JP2000184757**

**PROBLEM TO BE SOLVED:** To provide a vibrating wave driver capable of being effectively started.

**SOLUTION:** In the vibrating wave driver comprising a driving circuit, an exciter to be excited at a driving vibration by applying a driving frequency signal from the circuit, and a contactor brought into pressure contact with a vibrator so that the vibrator and the contactor are relatively moved by the driving vibration, the circuit is swept up from a driving starting frequency toward higher frequency for driving at initiation (S1 to S4).




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